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Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries
                                                                                                                    Result
                                                                                                                                                                                                                                                                                                                                                              Database
                                                                                                                                                                                                                                                                                                                                                                                                              Minimum DB
Maximum DB
                                                                                                                                                                                                                                                                                                                                                                                                                                    Total number of hits satisfying chosen parameters:
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                                                                                                          Score
  13.8
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14
14
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                                                                                                         Match
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  568.0
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553.6
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25
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em_estpl:*
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em_estin: *
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gb_gss:*
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em_gss_rod:*
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AI115359
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BE317690
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AU103198
AW059815
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      AZ938933 ZM0197N10
AI15359 uh84c06.r
AZ310102 1M0011BD24
BE317690 NF055E10L
BE977884 b870d09.y
AU103198 AU103198 AU103198 AW059815 LE7f08.y
R42396 yf92a07.s1
AI05982 CSRL-64f6-u
AW004453 701931490
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                                                                                                                                                                                                         ORGANISM
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     plasmid inserts
Unpublished (2000)
Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
                                                                                                                                           Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C., Islam,H., Longacre,S., Mahmoud,M., Meenen,E., Pedersen,T., Reilly,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von Niederhausern,A. and Wright,D., Welss,R.
                                                                               Rm. 308,
84112, US
                                                               Tel: 801 585 5606
Fax: 801 585 7177
                                                                                                                                                                                                        Mus musculus
                                                                                                                                                                                                                                        AZ938933 42 bp DNA GSS 2M0197N1OR Mouse 10kb plasmid UUGC2M library Mus clone UUGC2M0197N1O R, DNA sequence.
AZ938933
                                                                                                                                       Mouse whole genome scaffolding with paired end
                                                                                                                                                                               Mammalia; Eutheria;
1 (bases 1 to 42)
                                                                                                                                                                                               Eukaryota; Metazoa;
                                                                                                                                                                                                                                 AZ938933.1 GI:13799132
                                                                                                                                                                                                                 house mouse.
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                                                                                       Biomedical Polymers Research Bldg.,
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Rodentia;
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BF638573
AQ073365
AU014466
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BE857801
AZ77556
AZ610841
AA658865
AI567998
AU103205
AU107283
BF651215
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AI357720
AZ814250
AA672337
AI310538
AI340421
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BF643936
AI906734
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AZ575892
AZ306035
AZ471063
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D38739
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BF643936 NF026A02E
A1906734 QV-BF124-
AZ755909 ev10h02.x
D38739 HUMCIET81C
AA933070 om85e05.s
A1357720 qv73a03.x
AZ814250 ZM0082G03
AA672337 vk90h07.x
A1310538 tb50e07.x
A1310538 tb50e07.x
A1340421 tb40e12.x
AM696109 NF102E12S
BE857801 7663e02.x
AZ775556 ZM0008M15
AZ610841 1M0436002
AA658865 nt84b10.s
A11567998 tr88a06.x
AU103205 AU107283
BF651215 NF108H04E
AZ612285 1M0439D07
AR638273 NF108H04E
AZ612285 1M0439D07
AR638273 NF108H04E
AZ612285 1M0439D07
AR638273 NF108H04E
AZ612285 FM0439D07
AR638273 NF108H04E
AZ612285 FM0439D07
AR638273 NF108H04E
AZ612285 FM0439D07
AR638273 NF108H04E
AZ612285 FM0439D07
AR638273 NF0660G12P
AQ073365 EP(2)2171
AU014466 AU014466
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A2575892 AST-T23B0
AZ306035 1M0006M23
AZ471063 1M0285005
AZ428996 1M0212C14
AZ788925 2M0035M11
T17509 gsr ml8 The
AZ807406 2M0070D15
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                                                                                                                                                                                                                                                           Contact: Marra M/Mouse EST Project
WashU-HHMI Mouse EST Project
Washington University School of MedicineP
4444 Forest Park Parkway, Box 8501, St. Lo
                                                                                                                                                                                                                                                                                                                                                                                                          Marra,M., Hillier,L., Allen,M., Bowles,M., Dietrich,N., Dubuque,T., Geisel,S., Kucaba,T., Lacy,M., Le,M., Martin,J., Morris,M., Schellenberg,K., Steptoe,M., Tan,F., Underwood,K., Moore,B., Theising,B., Wylie,T., Lennon,G., Soares,B., Wilson,R. and Waterston,R.

The WashU-HHMI Mouse EST Project
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               AII15359 43 bp mRNA EST 02-SEP-1998 uh84c06.rl Soares mouse urogenital ridge NMUR MUS MUSCULUS CDNA clone IMAGE:1764394 5' similar to SW:A472_RAT P53678 CLATHRIN COAT ASSEMBLY PROTEIN AP47 HOMOLOG 2 ;, mRNA sequence.
  Seq primer:
                                Possible reversed clone:
                                                           Trace considered overall poor quality
                                                                                            MGI:963918
                                                                                                              IMAGE Consortium (info@image.llnl.gov)
                                                                                                                                            Email: mouseest@watson.wustl.edu
This clone is available royalty free through LLNL ;
                                                                                                                                                                                                                                                                                                                                                                                  Unpublished (1996)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           1 (bases 1 to 43)
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
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/note-"Vector: PWD42nv; Purified genomic DNA from M.
musculus C57BL/6J (female) was obtained from the Jackson
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      /organism="Mus musculus"
/strain="C57BL/6J"
/db_xref="taxon:10090"
/clone="UUGC2M0197N10"
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/ersed clone: similarity on wrong
-28m13 rev2 ET from Amersham
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Rodentia;
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Pred. No. 2
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COMMENT

/clone\_lib="Mouse 10kb plasmid UUGC1M library"

JOURNAL

VERSION KEYWORDS

ACCESSION

SOURCE

ORGANISM

REFERENCE

AUTHORS

RESULT AI115359

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41

Matches

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KEYWORDS
SOURCE
ORGANISM
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                                                                                                                                                                                                                                                                         Unpublished (2000)
Contact: Robert B. W
University of Utah G
University of Utah
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          AZ310102 30 bp DNA GSS 29-SEP-ZUUU 1M0018D24R Mouse 10kb plasmid UUGC1M library Mus musculus genomic clone UUGC1M0018D24 R, DNA sequence.
                                                                                                                     Seq primer: CACACAGGAAACAGCTATGACC Class: plasmid ends
                                                                                                                                                      Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Erro
Plate: 0018 row: D column: 2
                                                                                                                                                                                                                                                                                                                                               plasmid inserts
                                                                                                                                                                                                                                                                                                                                                             Mouse whole genome scaffolding with paired end reads
                                                                                                                                                                                                                                                                                                                                                                               ,M., Rose,M., Rose,R., and Wright,D.,Weiss,R.
                                                                                                                                                                                                                                                                                                                                                                                             Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C.,
Islam,H., Longacre,S., Mahmoud,M., Meenen,E., Pedersen,T., Reilly
,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von Niederhausern,A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                               Eukaryota; Metazoa; Mammalia; Eutheria;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Mus musculus
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Location/Qualifiers
                                                                                                       High quality sequence stop:
                                                                                                                                                                                                          Tel: 801 585 5606 Fax: 801 585 7177
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                                                                                                                                                                                                                                                             308,
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/organism="Mus musculus
/strain="C57BL/6J"
/db_xref="taxon:10090"
/clone="UUGC1M0018D24"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    /clone_lib="Soares mouse urogenital ridge NMUR"/sex="equal ratio of male:female"
/tissue_type="urogenital ridge (embryonic)"
/dev_stage="fetal, mixture of 11.5 and 12.5 dpc
/lab_host="DH10B"
                                                                                       Location/Qualifiers
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/clone="IMAGE:1764394"
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77.3%;
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Rodentia;
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                                                                                                                                                                                                                                                                                                                                                                                                                                Flores, H.R., Inman, J.T., Weller, J.W. and May, G.D. Expressed Sequence Tags from the Samuel Roberts Noble Four Medicago truncatula leaf library Unpublished (2000) On Jul. 14, 2000 this sequence version replaced gi:9191563
                                                                                                                                                                                                                                                                                          2510 Sam Noble Parkway,
Tel: 580 221 7391
Fax: 580 221 7380
                                                                                                                                                                                                                                                                                                                                     College Transfer of the Samuel Roberts Noble Foundation
The Samuel Roberts Noble Foundation
OK
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              NF053E10LF1F1071 Developing leaf Medicago NF053E10LF 5', mRNA sequence.
                                                                                                                                                                                             Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta; Spermatophyta; Magnoliophyta; eudicotyledons; core eudicots; Rosidae; eurosids I; Fabales; Fabaceae; Papilionoideae; Trifolieae
                                                                                                                                                                                                                                                                                                                                                                                                                    Contact:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Torres-Jerez, 1.,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Medicago truncatula
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                                                                                                                                                                      Seq primer: TCACACAGGAAACAGCTATGAC
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWD42 (gil4732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 (http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The
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/note="Vector: PW042nv; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
Laboratory Mouse DNA Resource
/clone="NF053E10LF"
/clone_lib="Developing leaf"
/tissue_type="leaf"
                                                                         /organism="Medicago truncatula"
/db_xref="taxon:3880"
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          A.D., Harris, A.R., Gonzales, R.A., Bell, C.,
Weller, J.W. and May, G.D.
from the Samuel Roberts Noble Foundation
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truncatula cDNA clone
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 http://www.niddk.nih.gov/intram/people/boliver.htm
Tissue isolation and library construction performed at the National
Institute of Diabetes and Digestive and Kidney Diseases, NIH (see
http://www.niddk.nih.gov/intram/people/boliver.htm). DNA sequencing
and analyses performed by National Institutes of Health Intramural
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequencing Center (NISC; Plate: 70 row: d column
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                6 Center Drive MSC 2715, Bldg 6,\ \mbox{Rm B1-13, Bethesda,} Fax: (301) 496 5239
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Laboratory of Cellular and Developmental Biology NIDDK, National Institutes of Health
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Andrews, J., Bouffard, G. and Oliver, B. Drosophila melanogaster testis expressed sequence tags
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Pterygota; Neoptera; Endopterygota; Diptera; Brachycera;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Unpublished (1999)
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Email: oliver@helix.nih.gov,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Muscomorpha; Ephydroidea; Drosophilidae; Drosophila.
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                   library constructed using Stratagene ZAP-cDNA syntesis kit. Oligo dT-primed, size fractionated ~1-6 kb, and directionally cloned at EcoRI and xhoI in Uni-ZAP XR. Following a single round of amplification pBlueScript SK phagemids were mass excised. A distribution channel for clones is being sought, but not currently available. Requests for clones cannot be honored."
                                                                                                                                                                                                  /dev_stage="1-5 day adult"
/lab_host="SOIR (Stratagene)"
/note="Organ: testis; Vector: pBlueScript SK (Stratagene);
Site_1: EcoR I; Site_2: Xho I; Testes dissected from 1-5
day adult y[*] w[67c1]/Y males raised at 25oC. RNA
isolated using Trizol (Life Technologies) and a single
round of Poly(A)+ selection using Oligotex (Qiagen). cDNA
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                                                                                                                                                                                                                                                                                                                                                                                                                        /organism="Drosophila melanogaster"
/strain="y[*] w[67cl]/Y"
/db_xref="taxon:7227"
/clone="bs70d09"
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/note="Vector: Lambda Zap; Contains a mixture of very
                                                                                                                                                                                                                                                                                                                                                                              /sex="male"
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalla; Eutheria; Primates; Catarrhini; Hominidae; Homo.

1 (bases 1 to 27)

Brenner, S., Williams, S.R., Vermass, E.H., Storck, T., Moon, K., McCollum, C., Mao, J.I., Kirchner, J.J., Eletr, S., DuBridge, R.B., Burcham, T. and Albrecht, G.

In vitro cloning of complex mixtures of DNA on microbeads: Physical separation of differentially expressed cDNAs Proc. Natl. Acad. Sci. U.S.A. 97 (4), 1665-1670 (2000)
                                                                                                                                                                                                                                 AW059815 27 bp mRNA
LE7f08.yg DNC15 Homo sapiens
AW059815 AW059815.1 GI:6652137
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Contact: Yutaka Suzuki
Department of Virology
Institute of Medical Science, University of Tokyo
Institute of Medical Science, University of Tokyo
A-6-1, Shirokanedai, Minatoku, Tokyo 108-8639, Japan
Email: yszuki@ims.u-tokyo.ac.jp
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                1 (bases 1 to 50)
Suzuki,Y., Tsunoda,T., Taira,H., Mizushima-Sugano,J., Sese,J., Hata, H., Ota,T., Isogai,T., Tanaka,T., Nakamura,Y., Morishita,S., Okubo,K., Suyama,A. and Sugano,S.
K., Suyama,A. and Sugano,S.
Fine Structural analysis of transcription start sites of human mRNAs using full-length enriched and 5'-end enriched cDNA libraries unpublished (2001)
                                                                                                                                                                            Homo sapiens
                                                                                                                                                                                                  human
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Suzuki,Y., Yoshitomo-Nakagawa,K., Maruyama,K., Suyama,A. and Sugano,S. Construction and characterization of a full length-enriched and a 5'-end-enriched cDNA library. Gene 200 (1-2), 149-156 (1997).
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             AU103198 Sugano Homo sap
COLF5014, mRNA sequence.
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Sugano Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       /clone_lib="Sugano Homo sapiens
17 c 18 g 11 t
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                /organism="Homo sapiens"
/db_xref="taxon:9606"
/clone="COLF5014"
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72.0%;
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77.3%;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Score 13.8; DB 10 Pred. No. 5.4e+04;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Score 14; DB II; Pred. No. 4.5e+04;
                                                                                                                                                                                                                                                                                                                                                                                                                                                               Mismatches
                                                                                                                                                                                                                                                                      cDNA, mRNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    cDNA library
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ACCESSION
VERSION
KEYWORDS
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AUTHORS
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ORGANISM
                                                    FEATURES
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ORIGIN
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JOURNAL
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Best Local
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| | ||||||| || || || || || 8
| AGCTGTGATCTCTCCTCTGC 27
                                                                                              1 (bases 1 to 52)
Hillier,L., Clark,N., Dubuque,T., Elliston,K., Hawkins,M., Holman,M., Hultman,M., Kucaba,T., Le,M., Lennon,G., Marra,M., Parsons,J.
Rifkin,L., Rohlfing,T., Soares,M., Tan,F., Trevaskis,E., Waterstor,R., Williamson,A., Wohldmann,P. and Wilson,R.
The WashU-Merck EST Project
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     yf92a07.s1 Soares infant brain 1NIB Homo sapiens cDNA clone IMAGE:29952 3' similar to gb|M87904|HUMALNE531 Human carcinoma cell-derived Alu RNA transcript, (rRNA); gb:S67859 TRANSCRIPTION INITIATION FACTOR IIE-ALPHA CHAIN (HUMAN);, mRNA sequence.
                                                                                                                                                                                                                            Tel: 314 286 1800
Fax: 314 286 1810
                                                                                                                                                                                                                                                           Washington University School of Medicine 4444 Forest Park Parkway, Box 8501, St.
                                                                                                                                                                                                                                                                                                                 Unpublished (1995)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             16;
                                                                                   Insert Length: 1268 Std I
Seq primer: Promega -21m13
                                                                                                                                                                                            Insert Size: 1268
                                                                                                                                                                                                        Email: est@watson.wustl.edu
                                                                                                                                                                                                                                                                                               Contact: Wilson RK
                                                                                                                                                                                                                                                                                                                                                                                                                                   Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Contact: Burcham TS
LYNX Therapeutics, Inc.
LYNX Therapeutics, Inc.
25861 Industrial Blvd., Hayward, CA 94545, USA
Tel: 510 670 9338
Fax: 510 670 9302
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Email: timb@lynxgen.com
Sequence obtained from LYNX Therapeutics Megasort technology.
Collected from the down-regulated gate.
High quality sequence stop: 27.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            numan.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Similarity
                                               quality sequence stop: 1.
Location/Qualifiers
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/organism="Homo sapiens"
/db_xref="GDB:402299"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      /organism="Homo sapiens"
/db_xref="taxon:9606"
/clone_lib="DNC15"
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                                                                                                                                                                                                                                                           Louis,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Indels
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BASE COUNT
ORIGIN
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              5 gatctgtgatcccttctttgc 25
                                                                                                                                                                                                                                                                                                                                                                                                                              Contact: Marra M/Mouse EST Project
WashU-HHMI Mouse EST Project
WashIngton University School of MedicineP
4444 Forest Park Parkway, Box 8501, St. Louis, MO 63108
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ua91h02.r1 Soares_mammary_gland_NbMMG Mus musculus cDNA clone IMAGE:1364883 5' similar to gb:Y00516 Mouse mRNA for aldolase A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      (MOUSE);, mRNA sequence.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          16;
                                                                                                                                                                                                                                                                                         Seq primer: -28m13 rev2 ET from Amersham.
                                                                                                                                                                                                                                                                                                                               Email: mouseest@watson.wustl.edu
This clone is available royalty-free through LLNL; contact the
IMAGE Consortium (info@image.llnl.gov) for further information.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Unpublished (1996)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Marra,M., Hillier,L., Allen,M., Bowles,M., Dietrich,N., Dubuque,T., Geisel,S., Kucaba,T., Lacy,M., Le,M., Martin,J., Morris,M., Schellenberg,K., Steptoe,M., Tan,F., Underwood,K., Moore,B.,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Eukaryota; Metazoa;
Mammalia; Eutheria;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Mus musculus
                                                                                                                                                                                                                                                                                                                  MGI:898103
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      The WashU-HHMI Mouse EST Project
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     AI019839.1
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314 286 1810
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      /note="Organ: mammary gland; Vector: pT7T3D-Pac (Pharmacia
) with a modified polylinker; Site_1: Not I; Site_2: Eco
RI; 1st strand cDNA was primed with a Not I - oligo(dT)
                                                                                    /tissue_type="mammary gland"
/dev_stage="4 weeks"
                                                                                                                              /sex="male"
                                                                                                                                             /clone_lib="Soares_mammary_gland_NbMMG"
                                                                                                                                                                       /db_xref="taxon:10090"
/clone="IMAGE:1364883"
                                                                                                                                                                                                         /organism="Mus musculus"
/strain="C57BL/6J"
                                                                   /lab_host="DH10B"
                                                                                                                                                                                                                                                                        Location/Qualifiers
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/clone_lib="Soares infant brain lNIB"
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          /lab_host="DH10B (ampicillin resistant)"
/note="Organ: whole brain; Vector: Lafmid BA; Site_1: Not
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   /dev_stage="73 days post natal"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            /sex="female"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     GI:3234175
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76.2%;
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Rodentia;
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Pred. No. 6.5e+04;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Soares, B., Wilson, R. and
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SOURCE KEYWORDS VERSION ACCESSION

AUTHORS

FEATURES

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1 gctcgatctgtgatcccttctttg

Matches Query Match Best Local (

Local

Similarity

53.6%;

Score 13.4; Pred. No. 7.

Conservative

0;

Mismatches

7.9e+04; 7;

DB 13;

Length Indels

51; 0;

Gaps

0;

COMMENT

RESULT AI019839

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JOURNAL COMMENT
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ORGANISM
BASE COUNT
ORIGIN
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LOCUS
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                                                                                                                                                                                                                                                                                                                                      McDermott Center for Human Growth and Development University of Texas Southwestern Medical Center At Dallas 5323 Harry Hines Blvd, Dallas TX 75235-8591
Tel: 214-648-1606
Fax: 214-648-1666
                                                                                                                                                                                                                                                                                                                                                                                                                          Unpublished (1996)
Contact: Evans GA, Shane Probst
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Evans,G.A., Burbee,D., Davies,C., Hahner,L., Oliver,T., Gilbert,M., Jones,D., Ward,T., Gillilan,E., Schagemann,J., Probst,S., Harris
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     cSRL-64f6-u cSRL
                                                                                                                                                                                                                                                                 High quality sequence stop: 51
                                                                                                                                                                                                                                                                                                     Seq primer: T7
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Garner, H.R.
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1 (bases 1 to 51)
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                                                                                                                                                                                                                                                                                                                      gevans@utsw.swmed.edu,
         /cell_type="chimeric hamster somatic cell hybrid"
/note="Vector: sCos-1; Human Chromosome 11 specific cosmid
library prepared from flow sorted human Chromosome 11
derived from Chinese Hampster Ovary (CHO) monochromosomal
somatic cell hybrid, J1"
a 11 c 16 g 21 t 1 others
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                                                                                                                                                                         /organism="Homo sapiens"
/db_xref="taxon:9606"
/clone="cSRL-64f6"
                                                                                                                       /sex="female"
                                                                                                                                                         /clone_lib="cSRL flow sorted Chromosome 11 specific
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9
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                              Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R. Mouse whole genome scaffolding with paired end reads from 10kb
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701931490 A.
701931490, mR
                                                                                                                                                                                                                                                                                                                           AZ820546 56 bp DNA GSS 2M0092J07R Mouse 10kb plasmid UUGC1M library Mus clone UUGC2M0092J07 R, DNA sequence.
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Unpublished (2000)
                                                                                                                                                    Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus 1 (bases 1 to 56)
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                       plasmid inserts
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Contact: David Smoller, Ph.D.
Genome Systems, Inc., a wholly owned subsidiary of Incyte Pharmaceuticals, Inc.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta; Spermatophyta; Magnoliophyta; eudicotyledons; core eudicots; Spermatophyta; Magnoliophyta; eurosidae; eurosids II; Brassicales; Brassicaceae; Arabidopsis.
                                                                                                                                                                                                                                                  house mouse.
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Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              /organism="Arabidopsis thaliana"
/db_xref="taxon:3702"
/db_xref="To1931490"
/clone="701931490"
/clone_lib="A. thaliana, mixed source"
/note="This sequence was obtained from a clone generated
with a PCR product of the target gene."
19 c 10 g 24 t 2 others
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                                        1 (bases 1 to 58)
Marra, M., Hillier, L., Allen, M., Bowles, M., Dietrich, N., Dubuque, T.
Geisel, S., Kucaba, T., Lacy, M., Le, M., Martin, J., Morris, M.,
Schellenberg, K., Steptoe, M., Tan, F., Underwood, K., Moore, B.,
Theising, B., Wylie, T., Lennon, G., Soares, B., Wilson, R. and
                                                                                                                                                                                                                                                                                                               AA415880 58 bp mRNA vd23g03.s1 Knowles Solter mouse IMAGE:793396 5', mRNA sequence.
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                     Waterston, R
                                                                                                                                                       Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sclurognathi; Muridae; Murinae; Mus
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                                                                                                                                                                                                                                 house mouse.
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University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Reso
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Similarity
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Location/Qualifiers
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Email: ddunn@genetics.utah.edu
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Tel: 801 585 5606
Fax: 801 585 7177
WashU-HHMI Mouse
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pMD42 (gil473214|gb|AF12972.1), a copy-number inducible derivative of plasmid RI. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Biomedical Polymers Research Bldg.,
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Email: henkelg@aurorabio.com

Pools of cells were isolated from a GenomeScreen(TM) library. The
library of cells was generated by retroviral integration of a gene
tagging element consisting of: 1) A promoterless beta-lactamase
proceeded by a splice acceptor as a reporter for gene expression;
2) A promoter driving neomycin resistance followed by a splice
donor to trap downstream exons. 3' RACE from neomycin gene was
performed using total RNA from isolated pools. Output was shotgun
                                                                                                                                                                                                                                                                          Henkel,G., Liyanage,M., Pratt,E., Huang,D., Riley,M., Durick,K. and Pollok,B.
Exon-trap tags from a T47D GenomeScreen(TM) Library Unpublished (2000)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               15;
                                                                                                                                                                                                                                         Gene Expression
                                                                                                                                                                                                                                                             Contact: Greg Henkel
                                                                                                                                                                                                                                                                                                                                                    Eukaryota; Metazoa; Chordata; Mammalia; Eutheria; Primates; 1 (bases 1 to 60)
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AZ575892
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WashIngton University School of MedicineP
4444 Forest Park Parkway, Box 8501, St. Louis,
                                                                                                                                                                   Fax: 8584046719
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This clone is available royalty-free through LLNL; contact the
TMAGE Consortium (info@image.llnl.gov) for further information.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Tel: 314 286 1800
Fax: 314 286 1810
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                                                                                                                                                                                                 11010 Torreyana Road,
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                                                                                                                                                                                   Biosciences Corp.
Biosciences Corp.
Torrevana Road, San Diego, CA 92121, USA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      were cloned into the Mlul/Sall sites of a modified pBluescribe vector using commercial linkers (NEB). Average insert size: 1.2 kb."
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/strain="B6D2 F1/J"
/db_xref="haxon:10090"
/clone="IMAGE:793396"
/clone_lib="Knowles Solter mouse
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/dev_stage="2-cell"
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No. 9.6e+04;
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University of Utah
Rm. 308, Biomedical Polymers Res
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M., Rose,M., Rose,R., Stokes,R., Tingey,A.,
and Wright,D., Weiss,R.
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Class: exon-trapped.
                                                                                                                                                                                                                                                                                                                                                                 High quality sequence stop:
                                                                                                                                                                                                                                                                                                                                                                                                                                   Plate: 0006 row: M column: 23 Seq primer: CACACAGGAAACAGCTATGACC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Plate: 0006
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Erro
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Tel: 801 585 5606
Fax: 801 585 7177
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Contact: Robert B.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Unpublished (2000)
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1 (bases 1 to 32)
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          USA
/note="Vector: PWD42nv; Purified genomic DNA from M. musculus C57BL/6J (male) was obtained from the Jackson
                                                                                                                                                              /organism="Mus musculus"
/strain="C57BL/6J"
/db_xref="taxon:10090"
/clone="UUGC1M0006M23"
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/cell_line="T47D"
/note="Organ: Breast; Vector: pAmp-1; 3
from genetrap pools; shotgun clone in p
transform DH5-alpha competent bacteria.
16 c 16 g 14 t
                              /sex="Male" /sex=
                                                                                                   /sex="Male"
                                                                                                                               /clone_lib="Mouse 10kb plasmid UUGC1M library"
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/db_xref="taxon:9606"
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83.3%;
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(http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWD42 (gil4732114|gblaF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for amploillin resistance."

Query Match

52.0%; Score 13; DB 13; Length 32;
Best Local Similarity 76.2%; Pred. No. 1.1e+05;
Matches 16; Conservative 0; Mismatches 5; Indels

Qy 2 ctcgatctgtgatcccttctt 22
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Db 12 CCCCATCTGTAATGCCCTCTT 32

Search completed: March 9, 2002, 00:09:35

Job time: 11051 sec

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BASE COUNT ORIGIN